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DEUTSCHLAND**



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**DE 299 02 593 U 1**

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㉜ Gasanalysator für die medizinische Diagnostik

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## Format Examples

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US6024053 or 6024053

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D0318249

### US Plant Patents

PP8901

### US Reissue

RE35312

### US SIR

H1523

### US Patent Applications

20020012233

### World Patents

WO04001234 or WO2004012345

### European

EP1067252

### Great Britain

GB2018332

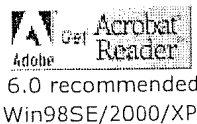
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## Patent Abstract



GER 1999-07-15 29902593

**ANNOTATED TITLE-** Gasanalysator foOr die medizinische Diagnostik

NO-AUTHOR

**APPLICANT-** GENZYME VIROTECH GMBH DE

**PATENT NUMBER-** 29902593/DE-U1

**PATENT APPLICATION NUMBER-** 29902593

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**FILING LANGUAGE-** German

**LANGUAGE-** German NDN- 203-0433-4434-0

**EXEMPLARY CLAIMS-** 1. Gas analyzer for the medical diagnostics, therebycharacterized that it is equipped with gas sensors to the proof by gaseous substances, those the characteristic, gaseous substances set free with an illness from firm, liquid or gaseous body eliminations orfrom cultures of pathogenen exciters or parasites seize and into signal samples convert, which are compared with the characteristic signal samples stored before in a data base by when well-known illnesses by pathogene exciters or parasite developing gaseous substances and ziert identif and so that a medical diagnosis to make possible. 2. Gas analyzer according to requirement 1, by the fact characterized that it is equipped with gas sensors for the diagnosis of an infection with Helicobacter pylori, which seize and into an appropriate signal sample convert ammonia existing at the timeof execution of the breath test in the breathing air, which is compared with the signal

sample stored before in a data base by ammonia and so that a diagnosis makes possible over a any infection with *Helicobacter pylori*. 3. Gas analyzer according to requirement 1, by the fact characterized that it to the diagnosis a lactose-intolerance isequipped with gas sensors, which the water-material contained in thebreathing air seize and into an appropriate signal sample convert, which is compared with the signal sample stored before in a data base by hydrogen and with it a diagnosis over a any lactose-intolerance made possible. 12.02.99 X G 39 G 4. ' "\*" ..\*.: \* ..: : ': : J i: ..... 10-KEIL&SCHAAFHAUSEN 4. Gas analyzer according to requirement 1, by it characterized that it is equipped with gas sensors, those with Enzynunaengeln, bacterial or viralen infections or parasite infestation from body fluids or body eliminations or from appropriate cultures of micro organisms formed gaseous substances seize and into asignal sample convert, which is compared with the signal samples stored before in a data base and so that a diagnosis makes

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